

Attorney's Docket No.: 10454-016001 / P4361

2/12/03

#5
BP
6-17-02

RECEIVED

DEC 18 2001

Technology Center 2100

Applicant : Lincoln et al
Serial No. : 09/855,458
Filed : May 15, 2001
Title : MODELING BIOLOGICAL SYSTEMS

Art Unit : 2123
Examiner : Unknown

Commissioner for Patents
Washington, D.C. 20231

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Applicant submits the references listed on the attached form PTO-1449, copies of which are enclosed.

This statement is being filed before the receipt of a first Office action on the merits. Please apply any charges or credits to Deposit Account No. 06-1050, referencing attorney docket number 10454-016001.

Respectfully submitted,

Date: 11/14/01

David L. Feigenbaum
Reg. No. 30,378

Fish & Richardson P.C.
225 Franklin Street
Boston, Massachusetts 02110-2804
Telephone: (617) 542-5070
Facsimile: (617) 542-8906

20341790.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner for Patents, Washington, D.C. 20231.

Date of Deposit

Signature

Typed or Printed Name of Person Signing Certificate

11-14-01

Mauro A. Colokathis

Mauro A. Colokathis

Substitute Form PTO-1449 (Modified)	U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 10454-016001	Application No. 09/855,458
Information Disclosure Statement by Applicant (Use several sheets if necessary) (37 CFR §1.98(b))		Applicant Lincoln et al.	
		Filing Date May 15, 2001	Group Art Unit 2123 1631

U.S. Patent Documents

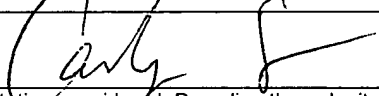
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
CS	AA	5,621,671	Apr. 15, 1997	Bodnar	364	578	
CS	AB	5,805,461	Sep. 8, 1998	Fant et al	364	488	

Foreign Patent Documents or Published Foreign Patent Applications

Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation	
							Yes	No

Other Documents (include Author, Title, Date, and Place of Publication)

Examiner Initial	Desig. ID	Document
CS	AC	Becksel et al., "Engineering stability in gene networks by autoregulation," <u>Nature</u> 405:590-593 (2000)
	AD	Endy et al., "Modelling cellular behaviour," <u>Nature</u> 409:391-395 (2001)
	AE	W. Wayt Gibbs, "Cybernetic Cells," <u>Scientific American</u> 53-57 (2001)
	AF	Glass and Kauffman, "The Logical Analysis of Continuous, Non-linear Biochemical Control Networks," <u>Jourl. of Theoretical Biology</u> , 39:103-129 (1973).
	AG	S.A. Kauffman, "Metabolic Stability and Epigenesis in Randomly Constructed Genetic Nets," <u>Jourl. of Theoretical Biology</u> , 22:437-467 (1969).
	AH	Mikulecky, "Modeling Intestinal Absorption and Other Nutrition-Related Processes Using PSPICE and STELLA," <u>Jour. of Pediatric Gastroenterology and Nutrition</u> 11:7-20 (1990).
	AI	Novick, "Enzyme Induction as an All-or-None Phenomenon*," <u>Proc. Nat. Acad. USA</u> , 43:553-566 (1957)
	AJ	Rosen, "Recent Developments in the Theory of Control and Regulation of Cellular Processes," <u>International Review of Cytology</u> , 23: 25-88 (1968).
	AK	Snoussi et al., "Logical Identification of All Steady States: The Concept of Feedback Loop Characteristic States," <u>Mathematical Biology</u> , 55:973-991 (1993).
	AL	Stahl, "Algorithmically Unsolvable Problems for a Cell Automaton," <u>J. Theoret. Biol.</u> , 8:371-394 (1965).
	AM	Stahl, "Self-Reproducing Automata," <u>Perspectives in Biology and Medicine</u> 8:373-393 (1965).
	AN	Stahl, et al, "Molecular Algorithms," <u>J. Theoret. Biol.</u> , 5:266-287 (1963).
	AO	Sugita, "Functional Analysis of Chemical Systems <i>in vivo</i> using a Logical Circuit Equivalent. II. The Idea of a Molecular Automaton," <u>Jourl. of Theoret. Biology</u> 4:179-192 (1963).
	AP	Thomas et al., "Dynamical Behaviour of Biological Regulatory Networks -I. Biological Role of Feedback Loops and Practical Use of the Concept of the Loop-Characteristic State," <u>Bulletin of Mathematical Biology</u> , 57:247-276 (1995).

Examiner Signature 	Date Considered 3/18/03
EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	